YERMOLENKO, N.F., EFROS. K.D.

Structure and sorptive properties of NiO - Al_C₃ exides from exychloride. Zhur. fiz. khim. 38 no.5:1353-1558 My '64.

(MIEA 18:12)

1. Institut obshchey i neorganicheskoy khimii AN BSSR.

Submitted July 12, 1963.

EFROS, N. H.

The conversion of industrial furnaces from liquid to solid and gas fuel. Moskva, Izd-vo Akademii nauk SSSR, 1946. 103 p. (50-20464)

TN677.E23

EFROS, M. M.

PA 43/49746

Oct 48

ussr/Engineering

Furnaces Heating

"Methods of Introducing Automatic Heating Proceedes in Industrial Furnaces in the Postwer Five-Year Plan," M. M. Efros, Engr, 2 pp

"Za Ekonomiyu Topliva" Vol V, No 10

Great progress has been made in making heat processes automatic in open-hearth furnaces, but like process for other furnaces has lagged somewhat. Heat processes are fuel combustion and temperature regulation in the furnaces. Discusses diperature viewpoints on method of making them automatic.

PA 16/49^T56

EFROS, M. M.

JW1 46

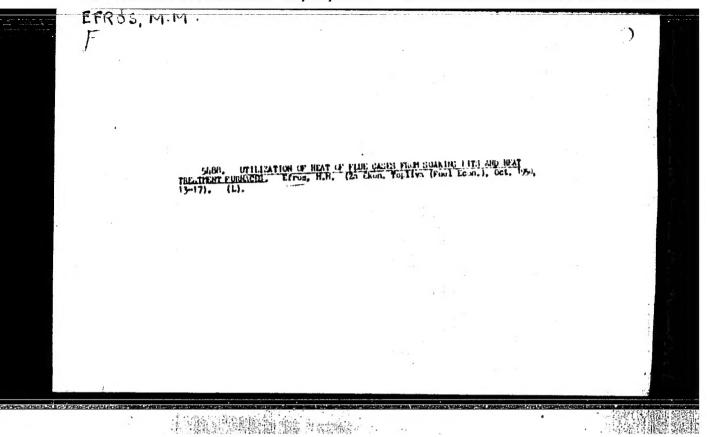
USSR/Engineering Furnaces Fuel Consumption

"Results of the All-Union Scientific Technical Session on Industrial Furnaces," M. M. Efros, Engr, 1 3/4 pp

"Za Ekonomiyu Topliva" No 7

Summarizes proceedings at conference. Main problems were further development of furnaces, fuel economy, and replacement of liquid by local fuel.

16/49156



ETROS, M. H.

"Investigation of the Pulveriention and Combustian of Manut by Law Pressure Burners Suitable for Metal Heatt a Burners," Cand Tech Sci, Mescow Order of Labor Red Banner Inst of Steel imeni I. V. Stalin, Min Higher Education USSR, Haggaw, 1955. (KL, No 12, Mur 55)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

EFRUS, M.11.

137-58-3-5093

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 90 (USSR)

AUTHORS: Efros, M. M., Zarkhin, S. M.

TITLE: Improving the Heating Systems in Forge Shops of Leningrad

Plants (Usovershenstvovaniye nagrevatel'nykh ustroystv kuz-

nechnykh tsekhov leningradskikh zavodov)

PERIODICAL: V sb.: Kuznechno-shtampovochn. proiz-vo. Leningrad,

Lenizdat, 1957, pp 51-61

ABSTRACT: Electrical and flame heating systems are examined. The

authors point out the advantages of a uniform and continuous supply of fuel by automatic underfeed stokers. A stoker of this type ensures a steady output of heat and eliminates the need for the heavy menial operations of charging, rabbling, and cleaning. A description of a "thermoblock"-type recuperator for a forging compartment furnace employed for preheating of air and gas is given, together with operational diagrams. It is pointed out that the resistance method is highly efficient for the heating of 6-7 m long rods employed

in the winding of springs.

Card 1/1

EFROS, M.M.

p.3

PHASE I BOOK EXPLOITATION

1053

- Voprosy aerodinamiki i teploperedachi v kotel'no-topochnykh protsessakh; sbornik statey (Aerodynamic and Heat Transfer Problems in Boiler and Furnace Processes; A Collection of Articles) Moscow, Gosenergoizdat, 1958. 329 p. 6,000 copies printed.
- Ed. (title page): Knorre, G.F.; Ed. (inside book): Borishanskiy, V.M.; Tech. Ed.: Zabrodina, A.A.
- PURPOSE: The book is intended for engineers and combustion specialists concerned with the design and operation of heating equipment and it is also for scientific workers and students of vtuzes.
- COVERAGE: The book presents the results of complex investigations of flow conditions and heat transfer in boiler and furnace processes. The compilation consists of three parts which discuss the conditions of atomization and combustion of liquid fuel, some problems of heat transfer and flow in furnaces and boilers and, finally, the results of investigations of the flow and heat transfer in a

Card 1/7

Aerodynamic and Heat Transfer (Cont.) 105

layer of crushed material. The articles in the first part present the fundamental principles for calculating the atomization process in injectors. Also, new data on the combustion of droplets of heavy liquid fuel are given which make it necessary to reconsider the accepted concept that vaporization of a liquid fuel always precedes its combustion. The reports of the second part throw light on the problem of the motion of a dusty air stream characteristic of cyclonic furnaces. This problem is extremely important in the design of such furnaces. The second part of the collection presents data necessary for the calculation of the emission of fly ash whereby it is shown that this emission is of great significance. In addition, the character of furnace temperature fields is ana-The articles of the third part present the fundamental laws of gas flow through a layer of fuel and give the theoretical principles necessary for calculating the aerodynamic resistance of the layer and the speed of drying in it. The data given in the collection accurately define current ideas regarding the characteristics of development of a number of phenomena which form the

Card 2/7

5

Aerodynamic and Heat Transfer (Cont.) 1053

heating process. Knowledge of these data will permit refining the calculation methods used in heating technology. The first part contains 2 Soviet references; the second part contains 8 Soviet, 3 English, and 1 German reference; and the third part contains 49 Soviet, 12 English, 7 German, 1 French, and 2 Japanese references.

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- Vitman, L.A. Some Principles Regarding the Atomization of a Liquid by Pneumatic Injectors

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EFROS, M.M.

Investigating and selecting gas burners for industrial furnaces.

Gaz.prom. 4 no.5:26-33 My *59. (MIRA 12:7)

(Gas burners)

EFROS. M.M.

Conversion of industrial units from fuel oil to high heating value gas. Gas.prom. 4 no.10:30-34 0 '59. (MIRA 13:2) (Gas burners) (Gas as fuel)

EFROS, M.M.

Investigation of gas burners operating on natural gas in industrial furnaces. Trudy VNIIT no.9:134-156 '60. (MIRA 13:11) (Gas burners)

EFROS, M.M.

Scientific and Technological Conference on the Efficient Use of Natural Gas in Industrial Furnaces and Driers. Gas.prom. 5 no.11:50-51 N '60. (MIRA 13:11)

(Gas as fuel--- Congresses)

EFROS, MM. 25 PHASE I BOOK EXPLOITATION Girshovich, Naum Grigor'yevich, Doctor of Technical Sciences, Professor, ed. Spravochnik po chugunnomu lit'yu (Handbook on Iron Castings) 2d ed., rev. and enl. Moscow, Mashgiz, 1961. 800 p. Errata slip inserted. 16,000 copies printed. Reviewer: P. P. Berg, Doctor of Technical Sciences, Professor; Ed.: I. A. Baranov, Engineer; Ed. of Publishing House: T. L. Leykina; Tech. Eds.: O. V. Speranskaya and P. S. Frumkin; Managing Ed. for Literature on Machine-Building Technology (Leningrad Department, Mashgiz): Ye. P. Naumov, Engineer. RPOSE: This handbook is intended for technical personnel at cast-iron foundries. It may also be of use to skilled workmen in foundries and students specializing in founding. PURPOSE: TRAGE: The handbook contains information on basic problems in the modern manufacture of iron castings. The following are discussed: the composition and properties of the metal; the making of molds; special casting methods; the charge preparation; melting Card 1/11

Handbook on Iron Castings	SOV/5458	
and modifying the cast iron; pouring, of castings; heat-treatment methods; jection of castings. Information on the mechanization of castings product authors thank Professor P. P. Berg, I and staff members of the Mosstankolit metallurgist G. I. Kletskin, Candidat their assistance. References follow references, mostly Soviet.	and the inspection and re- foundry equipment and on ion is also presented. The coctor of Technical Sciences, Plant, headed by the chief e of Technical Sciences, for	
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Card 2/11	•	7.
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Investigating the operation of plant furnaces converted to gas using a lów-pressure jet. Trudy VNIIT no. 11:218-244 '62.

(MIRA 17:5)

EFROS, M.M. T-x

New furnaces: The the nonoxidizing heating of stool and the results of their investigation. Kuz.-shtam.proizv. 5 no.8:33-37 Ag 163.

(MIRA 16:9)

EFROS, M.M.

New single-chamber furnace for the nonoxidation heating of steel in an open flame. Trudy VNIIT no.12:156-167 163.

(MIRA 18:11)

EFROS, M.M.; EYKHE, N.G.

Gas cupola furnace of the All-Union Scientific Research Institute for Fuel and the results of its investigation. Trudy VNIIT no.12:141-155 *63. (MIRA 18:11)

 EFROS, M.M.; OVCHINNIKOVA, A.Ya.

Using high-energy gas to sublimate zinc in a rotary furnace.
Trudy VNIIT no.12:130-140 '63. (MIRA 18311)

EFROS, M.M.

Brief news. Gaz. prom. 9 no.4:55-56 164. (MIRA 17:8)

EFROS, M.M.; OVCHINNIKOVA, A.Ya.

Substituting gas for coke in the processing kilns of chemical plants. Gaz.delo no.1:28-30 '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke i ispol'zovaniyu topliva.

EFROS, M.M.

Flameless panel burners with a double mixer. Mush. i neft. sbor. no.12: 13-15 '64. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel*skiy institut po pererabotke i ispol*zovaniyu topliva.

 EFROS, M.M.; BRUK, Yu.G.; YUNISOVA, S.A.; SOKOLOV, S.L.

Investigating an industrial-test furnace for nonoxidative heating in the Leningrad Metallurgical Plant named for the 22d Congress of the C.P.S.U. Trudy VNIIT no.13:109-120 '64.

(MIRA 18:2)

EFROS, M.M.; GUSAROV, Ye.I.

Experimental furnace for decontaminating waste waters by incineration. Trudy VNIIT no.13:121-126 '64. (MIRA 18:2)

MAYZEL', Boris Icaakovich; OKUN', Boris TSalerovich CHEPENKO, Nata Konstantinovna; EFROS, M.M., red.

[Use of the combustion products of natural gas in convection drying chambers for drying protective paint coatings] Konvektsionnye sushil'nye kamery s ispol'zovaniem produktev agorani'a priradnogo gaza dlia sushki lakekrasochnykh pokrytii. Jeningrad, 1965. 25 p. (MHA 18:7)

EFROS, Miron Moiseyevich; LIFSHITS, A.Ye., retsenzent; LEBEDEV, N.D., red.

[Heating and heat-treating gas-operated furnaces] Nagre-vatel'nye i termicheskie pechi na gazovom toplive. Moskva, Metallurgiia, 1965 p. 415 p. (MIRA 18:2)

 Towerless system of water supply. Vod. 1 san. tekh. no.5:13-15 (MIRA 14:6)

(Water-supply engineering)

EFROS, R.D., aspirant; SADOV, F.I., prof.

Simultaneous dyeing with dichlorotriazine dyes and finishing with synthetic resins. Tekst. prcm. 25 no.4:45-48 Ap *65.

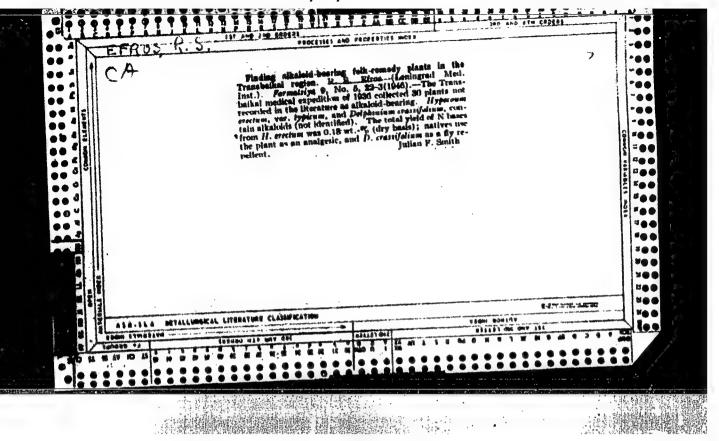
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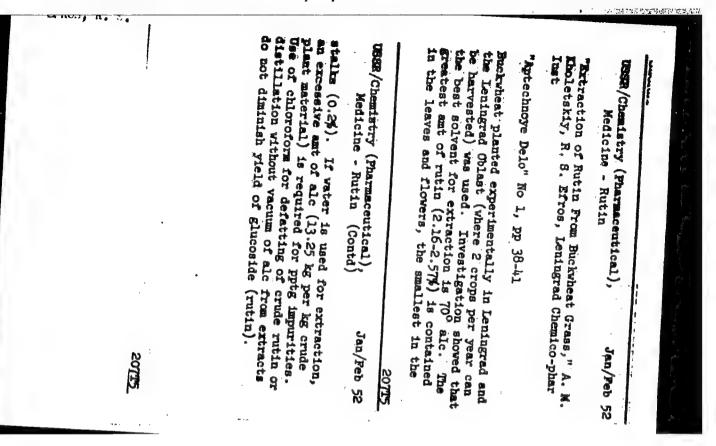
1. Moskovskiy tekstil'nyy institut.

EFROS, R.D., aspirant; SADOV, F.I., prof.

Alkali and acid hydrolysis of the coloring obtained by the method of simultaneous dyeing and finishing. Tekst. prom. 25 no.8:56-58 Ag 165. (MIRA 18:9)

l. Moskovskiy tekstil'nyy institut.



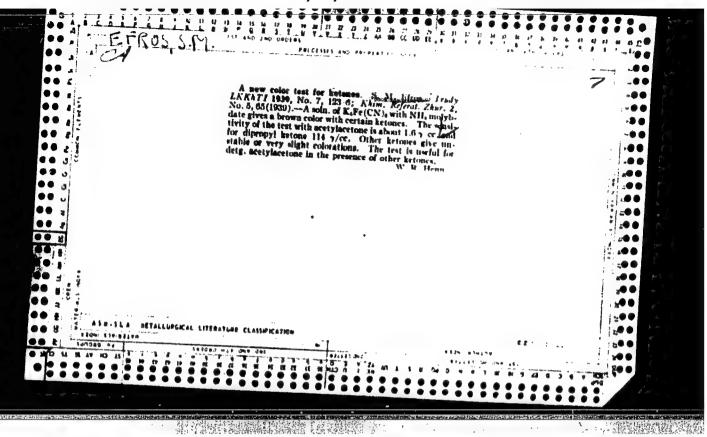


RAKHMANOVA, L.A.; ROBACHEVSKAYA, Ye.G.; FEL!, V.Ya.; EFROS. S.A.

Morphology of experimental streptococcal infection with a primary intradermal focus in rabbits. Biul. eksp. biol. i med. 50-no.7: (MIRA ,4:5)

1. Iz kafedry patologicheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.D.TSinzerling [deceased]) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (dir. - prof. A.Ya. Ivanov). Predstavlena akademikom N.N.Anichkovym.

(STREPTOCOCCAL INFECTIONS) (SKIN-DISEASES)



EFROS, S. M.

USSR/Chemistry - Analysis

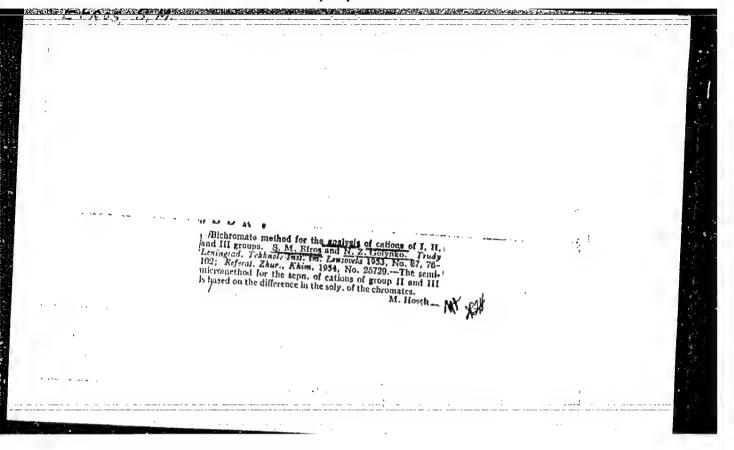
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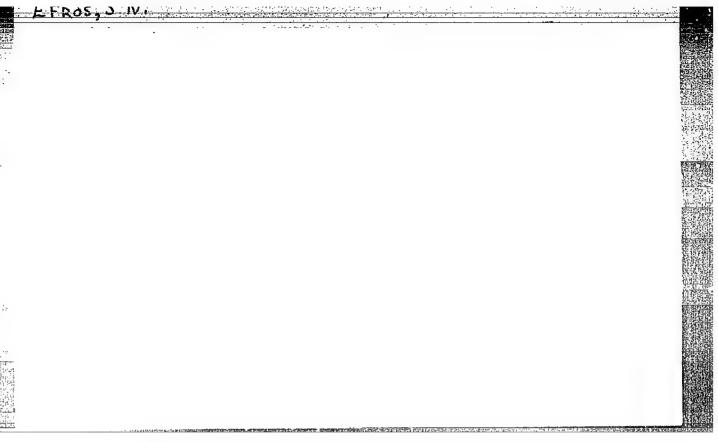
"New Color Reaction for Detection of Cadium Ion," S. M. Efros, Leningrad Tech Inst imeni Lensovet

"Zavod Lab" No 12, pp 1428, 1429

Reaction based on formation of raspberry-colored ppt from mixt of ammonium complexes of Cu and Cd under action of potassium cyanide in presence of ammonium oxalate. Reaction permits detection of 20 pcd/m/soln and may be used also for detection of Cu ion. Sensitivity for Cu is 0.2 p/ml.

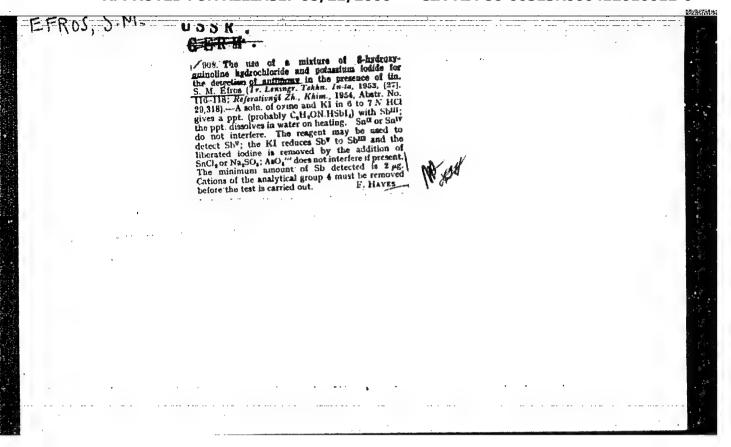
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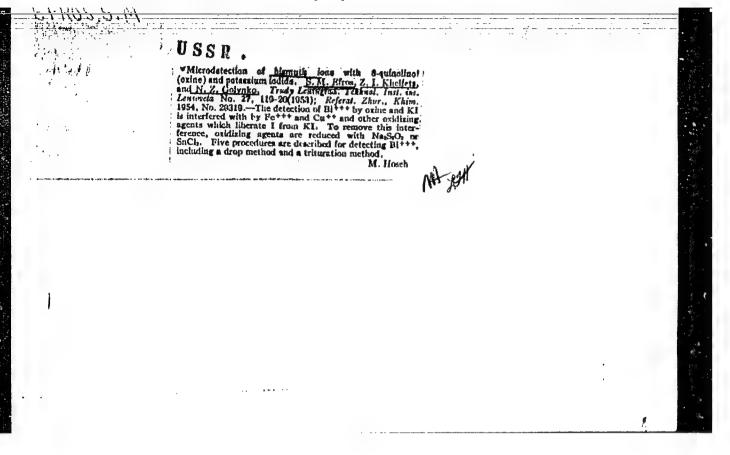
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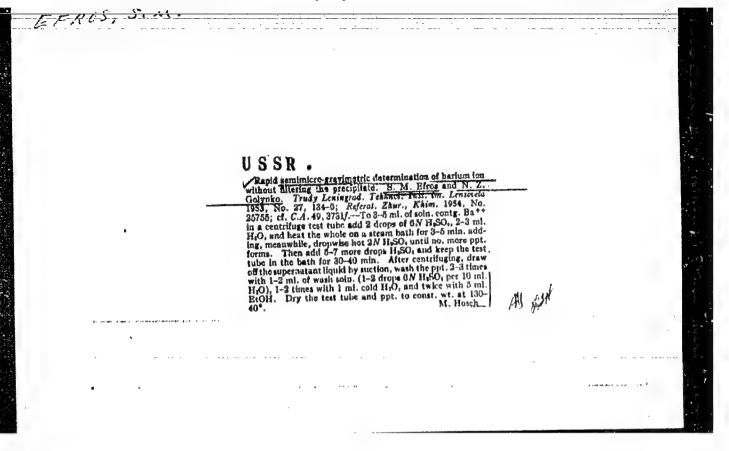
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USSR.

Use of hydrachlaria sciution of 1,8-quinclinal (onine) for semimistro-gravinging determination of aluminum. S. M. Elios and N. Z. Golynko. Truly Leningial. Telanolithis. In 1954, No. 27, 120-33; Referal. Zhur., Khim. 1954, No. 2757.—The use of 8-quinolinol soln. in HCl instead of in alc. or AcOH given accurate and reproducible results in detn. of Al and decreases the ant. of NaOAc needed for adjusting the pii. To 1-2 ml. of soln. (4-3 mg. Al) add 9 ml. of reagent (2 g. 8-quinolinol in i ml. concd. HCl, and H₂O make 100 ml.), the mixt. is heated to 90-5° on a water-bath, to it is added approx. 1.5 ml. 2N NaOAc, the whole is kept for 5 min. on the bath until the ppt. crystallizes, and then 3.5 ml. reagent is added to raise the pil and lower the soly. of the ppt. After 10-15 min. the ppt. is filtered by suction, washed with small aliquots of hot water until free from Cl, and dried at 125-30° to const. wt.

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EFRICS, S.M.

15-57-7-9490

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,

p 109 (USSR)

AUTHORS:

Efros, S. M., Bilik, O. Ya.

TITLE:

Verification of the Sintering Method for Decomposition of a Silicate (Proverka metoda spekaniya dlya razlo-

zheniya silikata)

PERIODICAL:

Sb. stud. rabot. Leningr. tekhnol. in-t im. Lensoveta

Leningrad, 1956.

ABSTRACT:

A ground sample of the material to be investigated was prepared with a five-fold quantity of the mixture according to Yu. S. Lyashenkov, V. I. Sakunov, and N. S. Tkachenko /Analiya (?) zheleznykh i margantsovykh rud. Metallurgizdat, 1954 (Analysis of Iron and Manganese Ores. State Scientific and Technical Publishing House for Literature on Ferrous and Nonferrous Metallurgy 1954)7 and carefully placed in a porcelain

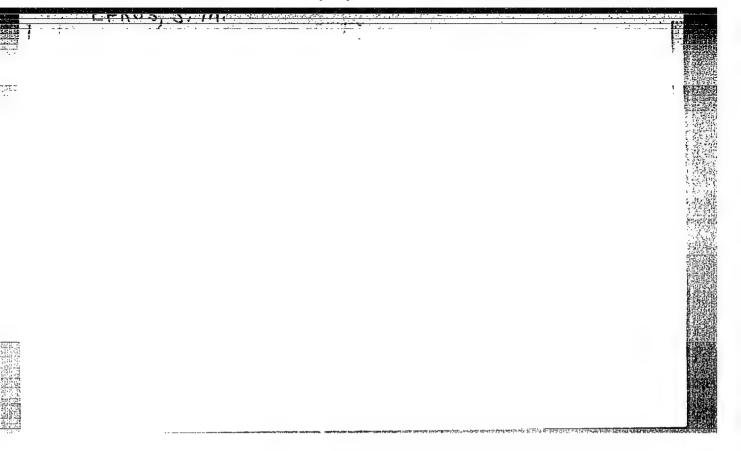
lurgy, 1954) 7 and carefully placed in a porcelain crucible. The mixture from the crucible was transferred to a sheet of tissue paper (7 cm by 7 cm), made into a

Card 1/2

15-57-7-9490

Verification of the Sintering Method for Decomposition (Cont.)

small package, and placed in the porcelain crucible on top of a lining of filter paper. The package should not touch the sides or bottom of the crucible to avoid adhesion of the mixture. The sintering was done at 8000 to 9000 in a muffle furnace for 10 to 15 minutes. The sintered mass was transferred to a 100-ml beaker. Twenty-five milliliters of water were added and then HCl in small portions (sp. gr. 1.18 to 1.19). After each addition of HCl, the beaker was covered by a watch glass. The solution was evaporated to a small volume in a sand bath for 1 to 1.5 hours (the solution remained clear during this time). It was then cooled to 50°. Seven milliliters of HCl (1.18 to 1.19) and one milliliter of one percent gelatin solution were added and the whole stirred. After this, 2 ml more of gelatin was added, and the mixture again stirred. Then this material was diluted by 50 ml of hot water and filtered through filter paper. The sediment on the filter was washed in hot water until there was a negative reaction to chlorine ions and it was then roasted. Card 2/2 K. N. Ryabicheva



Etros, S. M

USSR/ Analytical Chemistry - Analysis of Inorganic Substances

G-2

Abs Jour

: Referat Zhur - Khimiya, No 4, 1957, 12108

Author

Inst

: Efros S.M. : Leningrad Technological Institute imeni Lensoviet

Title

: Semi-Mecrogravimetric Determination of Sulfur in

Pyrite by Centrifugation

Orig Pub

: Tr. Leningr. tekhnol. in-ta im. Lensoveta, 1956,

No 35, 86-90

Abstract

: On gravimetric determination of S in pyrite by the gravimetric method as BaSO₄, oxidation of S to SO₁2- is effected with liquid bromine in the presence of CCl₁ and HNO₃, while rediction of Fe³⁺ to Fe²⁺ is effected with ascorbic acid. Weighed sample of finely ground pyrite is placed in a 100 ml beaker, treated with 5 ml of a mixture of liquid bromine (2 ml) and CCl_k (3 ml), left in the hood for 10 minutes, stirring at intervals, then 5 ml concentrated HNO3 are added and after 10 minutes the beaker is transferred to a water bath and heated until the

Card 1/3

USSR/ Analytical Chemistry - Analysis of Inorganic Substances

G-2

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12108

reaction is completed and most Br2 has been removed; contents of the beaker are evaporated to dryness, residue mixed with 1 ml concentrated HCl, again evaporated to dryness; residue is left on the bath for 10 minutes and is then moistened with 1 ml concentrated HCl. After 15 minutes 5 ml of hot HoO are added, the solution is filtered into a 100 ml measuring flask, the beaker is rinsed with water and the filtrate is brought up to the mark. An aliquot portion of the solution (5 ml) is placed into a weighed cetrifugation tube, heated to 60-700, and a 1% solution of . ascorbic acid is added dropwise until the solution is decolorized, after which 2-3 drops more are added. Contents of the tube are heated to 80-900, and 0.5 N BaCl (90-950) is added dropwise, to precipitate all BaSOh after which 4-5 drops more are added. The tube containing the precipitate is left on a boiling water bath for 30 minutes, cooled and centrifugated. The liquid is poured off, or removed

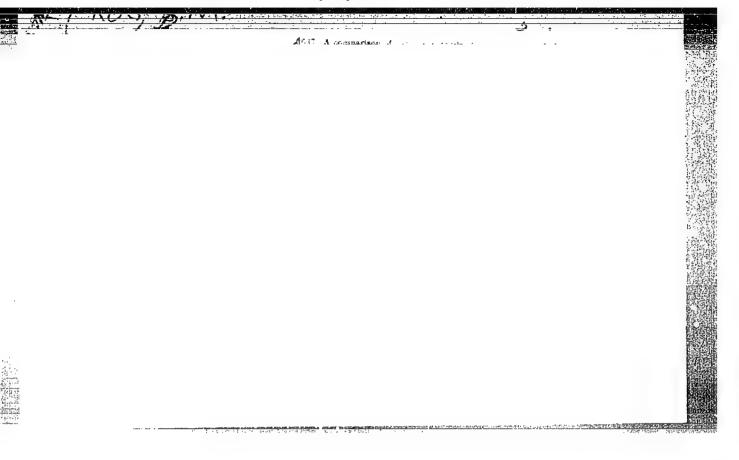
Card 2/3

USSR/ Analytical Chemistry - Analysis of Inorganic Substances G-2

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12108

by suction, the precipitate is washed 2-3 times with cold water (using 0.5-1 ml each time), centrifugated, the liquid is poured off or recoved by suction, thoroughness of washing is checked by means of a negative reaction for Cl⁻, and thereafter the precipitate is washed twice with C₂H₅OH (1-2 ml each time). Tube with precipitate is placed in a thermostat and dried for 10 minutes, first at 80° and then at 130-140°, allowed to cool in a desiccator, and weighed. Results of analysis are reproducible; performance of the second part of the analysis (precipitation of BaSO₁ and subsequent operations) requires 2 hours. See also RZhKhim, 1954, 25755.

Card 3/3



EFROS, S.M.; BOYCHINOVA, Ye.S.; CHUPRIK, V.F.

Vanadatometric determination of barium ions. Trudy LTI =0.48: 165-168 *58. (MIRA 15:4) (Barium--Analysis)

EFROS, S.M.; BOYCHINOVA, Ye.S.; EUZNETSOVA, A.K.

Determination of zinc and nickel ions in an electrolytic bath of nickel black. Trudy LTI no.48:169-174 '58. (MIRA 15:4) (Zinc--Analysis) (Nickel--Analysis)

EFROS, S.M.; BOYCHINOVA, Ye.S.; GORFUNKEL, Yu.M.

Complexometric determination of copper and zinc ions present together.

Trudy LTI no.48:175-178 '58. (MIRA 15:4)

(Copper--Analysis) (Zinc--Analysis) (Complexons)

EFROS, S.M.

Detection of cadmium ions in the mixture of cations of the IVth analytical group. Trudy LTI no.48:187-190 '58. (MIRA 15:4) (Cadmium-Analysis) (Metals-Analysis)

BOYCHINOVA, Te.S., EFROS, S.M., NEMIROVSKIY, V.D.

Volumetric determination of small quantities of oxygen. Trudy LT1 no.58:31-35 *59. (NIRA 13:7)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta. (Oxygen--Analysis)

KOROL'KOV, I.I.; ZAYTSEV, B.M. [deceased]; SHARKOV, V.I.; VAYNER, A.S.; EFROS, I.N.; EFROS, V.A.; BUENOVA, N.I.

Percolation hydrolysis with a variable flow of liquid. Gidroliz. i lesokhim.prom. 14 no.2:10-14 '61. (MIRA 14:3)

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1. Laboratory of Physiological Genetics, National Center of Scientific Research, Juif-sur-Ivette, France.
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Name: EFRUSSI, M. M.

Author of booklet, "Home-made Pickup", which is part of the series, "Radio Amateur Aids". The booklet contains the principles, construction and operation of an home-made pickup. Primarily written for radio amateurs.

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USSE/Radio - Hearing Aids

Apr 50

"Hearing-Aid Devices," M. Efrussi, 4 pp

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Hearing aids are of two types: (1) microtelephone hearing devices and (2) vacuum-tube hearing devices. Explains principle of (1). Example of (2) is the LAB-8, three-tube, batteryfed set made by Moscow Hearing Device Factory. Describes construction with circuit diagram and photographs.

1571105

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UBSR/Radio - Veltage Regulation

Jun 51

"The Stabilivolt," M. Efrussi

"Radio" No 6, pp 55-59

. Describes gas-filled voltage regulator tubes with activated iron or nickel electrodes. Tube types mentioned: SG-226, the SG2S (7585-30), and SG4S (15085-30).

1907107

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PA 195T102

Voltage Regulators

Sep 51

"The Use of Gaseous Voltage Regulator Tubes," M. Efrussi

"Radio" No 9, pp 49-51

Describes several methods of connecting voltage regulator tubes in circuits for supplying stabilized voltage for the frequency converter of a heterodyne receiver, for the screen-grid circuits of rf and i-f amplifiers, for the master oscillator of a low-powered transmitter, etc. Includes table of general data on VR tubes of Soviet magnif.

1957102

Gaseous voltage stabilizers. Moskva, Gos. energ. izd-vo, 1952. 31 p. (Massovaia TK2851.E4

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- 2. USSR (600)
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9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

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It has been but little studied, however,

Institut Fizicheskikh i Khimicheskikh Issledovaniy"

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Submitted by Acad M. A.

Thanks N. N. Andreyev.

EFRUSSI, M. M.

WEER/Engineering - Soundproof Material 21 Jan 52
Physics - Acoustics

"Measurement of Sound-Absorbing Materials in
Reverberation Chamber," B. D. Tartakovskiy, M. M.
Efrussi, Phys Inst imeni Lebedev, Acad Sci UEER
"Dok Ak Mauk SSER" Vol LXXXII, No 3, pp 373-376
The importance of the reverberation method of
measuring coeffs of sound-absorption has been noted
frequently (M. M. Andreyev, "Trudy Abusticheskoy
Kommissii, Sbornik" 3, 9, 1939); and the method

53,1125

1175

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Dol'nik, A. G., and <u>Efrussi</u>, M. M., "An Automatic Voltage Regulator," Moscow and Leningrad, Cosenergoizdat, 1953, 16 pages (Mass Radio-Broadcast, No. 186).

EFRUSSI, M.H.; MALININ, R.M., redaktor; SEVORTSOV, I.M., tekhnicheskiy redaktor

[Hearing aids] Slukhovye apparaty. Moskva, Gos. energ. isd-vo. 1953. 47 p. (Massovaia radiobiblioteka, no. 191) (MERA 7:7)

EFRUSSI, M. M.

"A Rectifier for Hearing Aids," Radio No.1, p. 52, 1953

Describes a rectifier used to supply hearing aids type IAB-7, IAB-8, Zvuk, Sonotone No.531, and Zenith A3A from the line in order to conserve batteries. The unit consists of a selemium rectifier and filters for plate and filament voltages. The rectifier provious a plate voltage of 45 v at 2 mm and a filament voltage of 1.35 v at 75 mm. It draws 150-160 mm from the line.

253T83

REFRUSSI, M.M.

DEMIDOV, P.A. (MOBCOW); EFRUSSI, M.M. (MOBCOW).

Basic principles in the use of hearing aids. Vest.oto-rin.15 no.6:10-13 N-D '53. (MLRA 7:1) (Hearing aids, Mechanical)

EFRUSSI, M. M.

Stupenchatyy regulator napryazheniya /Step-Voltage Regulator, A. G. Dol'nik and M. M. Efrussi, compilers (from the series: "Massovaya radiobiblioteka" /Radio Library for the Masses/), illustrated, Gosenergoizdat, 1 sheet, 15,000 copies

This brochure describes one of the exhibits of the Tenth All-Union Exposition of Creative Activity of Radio-Amateur Designers, an automatic voltage regulator (automatic switch for the sections of autotransformer windings), designed to maintain a constant input voltage to a radio receiver or television set from the house current.

Intended for the radio-amateur designer.

SO: U-6472,23 Nov 1954

effussi, M.

Attachment to a radio receiver for the hard of hearing. Radio no.7:52 Jl '54. (MIRA 7:7) (Radio--Receivers and reception) (Hearing aids, Mechanical)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412010012-0

EFRUSSI, M.M.:

POLAND

Hearing Aids. Warsaw, Panstwowe Wydawnictwa Techniczne, 1955.

48 pp., 36 drawings, 2,137 copies printed.

MFRUSSI, M.M. (Moskva)

Testing hearing through speech audiometry. Vest. oto-rin. 17 no.5;9-13 8-0 155. (MIRA 9:2)

(AUDIOMETRY, vocal)

EFRUSSI, M.

"Importance of Electro-Acoustical Apparatus," Meditsinskiy Rabotnik, Vol 18, 1955, p $\upmathbb{4}$.

Translation M-570, 28 Jun 55

107-57-2-43/56

AUTHOR: Efrussi, M. (Moscow)

TITLE: Vibration Damping in Electroacoustics (Vibrodempfirovaniye v elektroakustike)

PERIODICAL: Radio, 1957, Nr 2, p 48 (USSR)

ABSTRACT: By coating a vibrating surface with a damping material, its damping decrement can be considerably increased, and thus vibration and noise materially suppressed. Straightening the frequency response of a loudspeaker, particularly at higher frequencies, can be achieved by coating its diffuser with a damping layer. Frequency response of a Lorenz loudspeaker, with and without the damping coating, is presented in the article. The author suggests making cabinets for radio receivers, radio-phonographs, and loud-speakers from boards or plywood 3- to 5-mm thick covering the cabinet with a roofing felt which has very high acoustic internal losses. Methods for pasting the felt over the plywood are also suggested.

There are 1 figure and 1 German reference in the article.

AVAILABLE: Library of Congress

Card 1/1

EFRUSSI, M. M.,
NAUMKINA, N. I., TARTAKOVSKIY, B. D., and EFRUSSI, M. M.

"Experimental Study of Some Vibration-Absorbing Materials."

paper presented at 4th All-Union Conf. on Acoustics, Moscow, 26 May - 2 Jun 58.

PHASE I BOOK EXPLOITATION 1108

Efrussi, Mikhail Mikhaylovich

- Stabilitrony i neonovyye lampy (Stabilivolts and Neon Lamps) Moscow,
 Gosenergoizdat, 1958. 63 p. (Series: Massovaya radiobiblioteka, vyp. 289)
 40,000 copies printed.
- Ed.: Zhuravlev, A.A.; Tech. Ed.: Medvedev, L.Ya.; Editorial Board of the Series: Berg, A.I., Burlyand, V.A., Vaneyev, V.I., Genishta, Ye.W., Dzhigit, I.S., Kanayeva, A.M., Krenkel', E.T., Kulikovskiy, A.A., Smirnov, A.D., Tarasov, F.I., Chechik, P.O., Shamshur, V.I.
- PURPOSE: This booklet is intended for radio amateurs with some knowledge of radio engineering.
- COVERAGE: The booklet describes the operating principle, construction and special features of gas-discharge stabilizers (stabilizors) and neon signal lamps. The author offers a simple method of calculating basic operating data for voltage stabilizing circuits. He also describes the most common arrangements employing stabilizolts and neon lamps. No personalities are mentioned.

Card 1/2

Stabilivolts and Neon Lamps 1108		
There are no references.		
TABLE OF CONTENTS:		
Glow and Corona Discharges in Gas Construction and Special Features of Stabilivolts and Neon Lamps Stabilization Factor of a Circuit with a Stabilivolt Regulated Rectifier Automatic Switch of an Autotransformer Grid Voltage Indicator Pulse Generators Time Relays Stroboscopic Tachometer Noise Generator Various Applications of Gas-discharge Tubes		3 9 21 43 47 48 51 53 57 58
Appendix. Basic Data for Stabilivolts and Nec	OR LAMPS	
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